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(54) PRODUCTION OF BISPHENOL A

(57)Abstract:

PURPOSE: To maintain catalyst performances for a long time and produce bisphenol A in high yield and selectivity by adding a thiol compound to a reactional system of acetone with phenol and reacting both in the presence of a specific catalyst.

CONSTITUTION: A catalyst comprising a modified resin containing both modified sulfonic acid type cation exchange groups modified with (A) an amine compound containing sulfur [e.g. 2-mercaptopethylamine (salt) or 2,2-dimethylthiazolidine (salt)] and unmodified sulfonic acid type cation exchange groups is used and (B) a thiol compound such as alkyl mercaptans or thiophenols is added to a reactional system of (C) acetone with (D) phenol to react both.

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